

# What is up with that Chemical Reaction??



Experimenting with Properties of Matter

Name \_\_\_\_\_

Date \_\_\_\_\_

Period \_\_\_\_\_

**Directions:** Answer the following questions. Use your Pink Book (pp. 172-183) to help out.

1. What is the symbol for the element hydrogen? \_\_\_\_\_
2. Write the chemical formula when two atoms of hydrogen chemically combine with one atom of oxygen.  
Use the symbols for the elements to write this chemical formula. \_\_\_\_\_
3. What happens to atoms when they chemically combine (a chemical reaction happens!) with other atoms?
4. Which part of the atom is doing the rearranging? \_\_\_\_\_
5. What are some things you might see if a chemical reaction happens?
6. What can be done to make a chemical reaction go faster or slower?

Identify the type of bond in the diagram and describe how you know what type of bond it is.

